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NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATEM
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING

NEWS EXPRESS JUNE 27 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.

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                                                       ENTRY    SESSION
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DICTIONARY FILE UPDATES:   2 FEB 2009  HIGHEST RN 1099859-47-8

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L1      STRUCTURE UPLOADED

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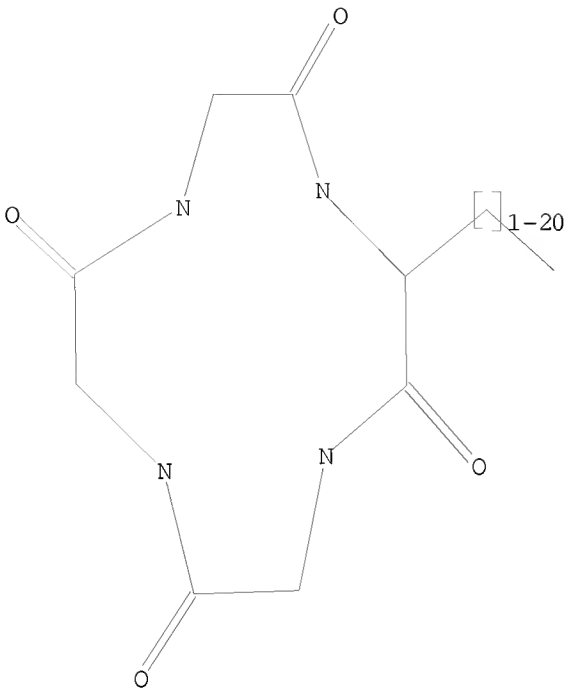

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FULL SCREEN SEARCH COMPLETED - 90262 TO ITERATE

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L2 1734 SEA SSS FUL L1

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FILE COVERS 1907 - 4 Feb 2009 VOL 150 ISS 6
FILE LAST UPDATED: 3 Feb 2009 (20090203/ED)

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L3 836 L2

=> s l3 and (pd<20020620)
22788935 PD<20020620
(PD<20020620)
L4 518 L3 AND (PD<20020620)

=> d l4 ibib abs hitstr 1-10

L4 ANSWER 1 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1089072 HCAPLUS
DOCUMENT NUMBER: 143:379863
TITLE: Cell adhesion recognition peptide sequences for modulating nonclassical cadherin-mediated functions
INVENTOR(S): Blaschuk, Orest W.; Gour, Barbara J.; Symonds, James Matthew; Byers, Stephen
PATENT ASSIGNEE(S): Adherex Technologies, Inc., Can.
SOURCE: U.S. Pat. Appl. Publ., 121 pp., Cont.-in-part of U.S. Ser. No. 759,507.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 12
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
US 20050203025	A1	20050915	US 2004-4107	20041203	
US 6472367	B1	20021029	US 1998-73040	19980505	
US 6358920	B1	20020319	US 1998-187859	19981106	<--
US 20020123044	A1	20020905	US 1999-234395	19990120	
US 6680175	B2	20040120			
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US 6433149	B1	20020813	US 1999-305927	19990505	
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US 6638911	B1	20031028	US 2000-535852	20000327	

US 6569996	B1	20030527	US 2001-839542		20010420
US 20030082166	A1	20030501	US 2001-6869		20011203
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US 20030096746	A1	20030522	US 2002-141357		20020507
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PRIORITY APPLN. INFO.:			US 1998-73040	A2	19980505
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			US 2004-759379	A2	20040116
			US 2004-759507	A2	20040116
			AU 1999-35906	A3	19990505

OTHER SOURCE(S): MARPAT 143:379863

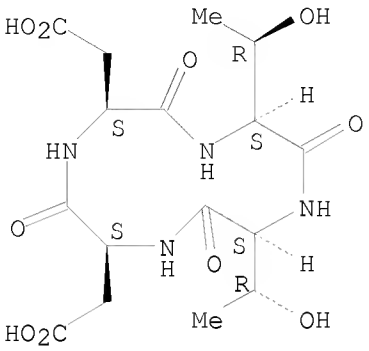
AB Modulating agents for inhibiting or enhancing nonclassical cadherin-mediated cell adhesion are provided. The modulating agents comprise one or more of: (a) a peptide sequence that is at least 50% identical to a nonclassical cadherin CAR sequence; (b) a non-peptide mimetic of a nonclassical cadherin CAR sequence; (c) a substance, such as an antibody or antigen-binding fragment thereof, that specifically binds a nonclassical cadherin CAR sequence; and/or (d) a polynucleotide encoding a polypeptide that comprises a nonclassical cadherin CAR sequence or analog thereof. The invention is based on the identification of previously unknown cell adhesion recognition (CAR) sequences present in nonclassical cadherins. Peptide CAR sequences may be present within a linear or cyclic peptide. OB-cadherin is detected in metastatic ovarian tumor cells and leukemic cells, and N-cadherin is expressed in metastatic carcinoma cells. Disruption of human breast cancer cell adhesion is demonstrated with the linear peptide modulating peptide Ac-IFVIDDKSG-NH2, which is found in the first extracellular domain of OB-cadherin. Thus, methods for using such modulating agents for modulating nonclassical cadherin-mediated cell adhesion in a variety of contexts are provided. CAR peptides are provided derived from OB-cadherin, cadherins 5-8 and 12 and 14-15, T-cadherin, PB-cadherin, LI-cadherin, protocadherin, cadherin-related neuronal receptor, desmoglein and desmogleins 1-3, and desmocollin and desmocollins 1-3.

IT **866730-33-8**
RL: BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cadherin-14 derived peptide; cell adhesion recognition peptide sequences for modulating nonclassical cadherin-mediated functions)

RN 866730-33-8 HCAPLUS

CN Cyclo(L-α-aspartyl-L-α-aspartyl-L-threonyl-L-threonyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 2 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2005:1078209 HCAPLUS
DOCUMENT NUMBER: 143:373258
TITLE: Cell adhesion recognition sequence peptides for modulating VE-cadherin-mediated functions
INVENTOR(S): Blaschuk, Orest W.; Gour, Barbara J.; Symonds, James Matthew; Byers, Stephen
PATENT ASSIGNEE(S): Adherex Technologies, Inc., Can.
SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S. Ser. No. 759,507.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 12
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
US 20050222037	A1	20051006	US 2004-4763	20041203	
US 6472367	B1	20021029	US 1998-73040	19980505	
US 6358920	B1	20020319	US 1998-187859	19981106	<--
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US 20020169106	A1	20021114	US 1999-264516	19990308	
US 6593297	B2	20030715			
US 6433149	B1	20020813	US 1999-305927	19990505	
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US 6682901	B2	20040127			
US 6638911	B1	20031028	US 2000-535852	20000327	
US 6569996	B1	20030527	US 2001-839542	20010420	
US 20030082166	A1	20030501	US 2001-6869	20011203	
US 6962969	B2	20051108			
AU 2002029228	A	20020516	AU 2002-29228	20020328	<--
AU 778119	B2	20041118			
US 20030096746	A1	20030522	US 2002-141357	20020507	
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US 20040229811	A1	20041118	US 2003-654578	20030903	
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US 20040248220 A1 20041209 US 2004-759507 20040116
PRIORITY APPLN. INFO.: US 1998-73040 A2 19980505
US 1998-187859 A2 19981106
US 1999-234395 A2 19990120
US 1999-264516 A2 19990308
US 1999-305927 A1 19990505
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US 2000-535852 A1 20000327
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US 2003-395032 A2 20030321
US 2003-654578 A2 20030903
US 2004-759379 A2 20040116
US 2004-759507 A2 20040116
AU 1999-35906 A3 19990505

OTHER SOURCE(S): MARPAT 143:373258

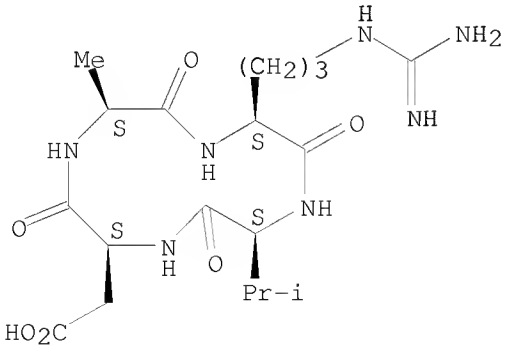
AB Peptide compns. and methods for modulating VE-cadherin-mediated functions are provided. The compns. and methods employ VE-cadherin modulating agents which generally comprise one or more of: (a) a peptide sequence that is at least 50% identical to a VE-cadherin cell adhesion recognition (CAR) sequence; (b) a non-peptide mimetic of a VE-cadherin CAR sequence; (c) a substance, such as an antibody or antigen-binding fragment thereof, that specifically binds a VE-cadherin CAR sequence; and/or (d) a polynucleotide encoding a polypeptide that comprises a VE-cadherin CAR sequence or analog thereof. Thus, a representative linear peptide comprising a cadherin-5 CAR sequence, N-Ac-VFRVDAETGD-NH2, disrupts adhesion of human umbilical vein endothelial cells with and without the N- and C-terminal groups. Increased migration of endothelial cells, inhibition of endothelial tube formation, and disruption of human adult microvasculature endothelial cells are also observed on treatment with VE-cadherin peptide modulating agents.

IT **865704-89-8**
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(cell adhesion recognition sequence peptides for modulating VE-cadherin-mediated functions)

RN 865704-89-8 HCAPLUS

CN Cyclo(L-alanyl-L-arginyl-L-valyl-L-α-aspartyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L4 ANSWER 3 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:212151 HCAPLUS
DOCUMENT NUMBER: 140:229431
TITLE: Methods for the use of inhibitors of co-repressors for the treatment of neoplastic diseases
INVENTOR(S): Evans, Ronald M.; Lin, Richard J.; Nagy, Laszlo
PATENT ASSIGNEE(S): The Salk Institute for Biological Studies, USA
SOURCE: U.S., 35 pp., Cont.-in-part of U.S. 6,387,673.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6706762	B1	20040316	US 1997-966876	19971110
US 6387673	B1	20020514	US 1997-846881	19970501 <--
CA 2308377	A1	19990520	CA 1998-2308377	19981110 <--
WO 9923885	A1	19990520	WO 1998-US23962	19981110 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9913959	A	19990531	AU 1999-13959	19981110 <--
EP 1037533	A1	20000927	EP 1998-957781	19981110 <--
R: CH, DE, FR, GB, LI				

PRIORITY APPLN. INFO.:

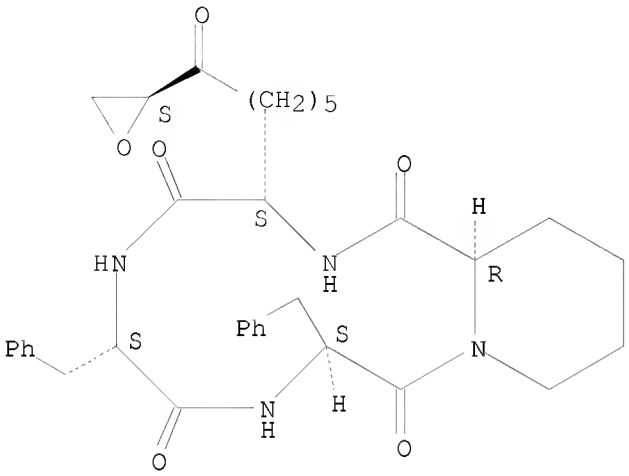
US 1997-846881	A2	19970501
US 1997-966876	A	19971110
WO 1998-US23962	W	19981110

AB In accordance with the present invention, it has been discovered that histone deacetylase assocs. with hormone receptor complexes and contributes to the repression thereof. It has further been discovered that exposure of a repressed system to histone deacetylase inhibitors relieves this repression, and that in combination with a ligand for a member the steroid/thyroid superfamily of receptors, the differentiation effects of retinoids are enhanced. Thus, histone deacetylase inhibitors have been found to be useful for the activation of genes responsive to hormone receptors and to counteract the oncogenic functions of oncogenic proteins. In accordance with another aspect of the invention, formulations useful for modulation of hormone-mediated processes have been developed. In addition, assays have been developed for the identification of compds. useful to modulate the above-described processes as well as methods of employing such compds. for the treatment of neoplastic diseases.

IT **133155-89-2**
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(methods for the use of inhibitors of co-repressors for the treatment of neoplastic diseases)
RN 133155-89-2 HCAPLUS

CN Cyclo[(αS,2S)-α-amino-η-oxooxiraneoctanoyl-L-phenylalanyl-L-phenylalanyl-(2R)-2-piperidinecarbonyl] (CA INDEX NAME)

Absolute stereochemistry.

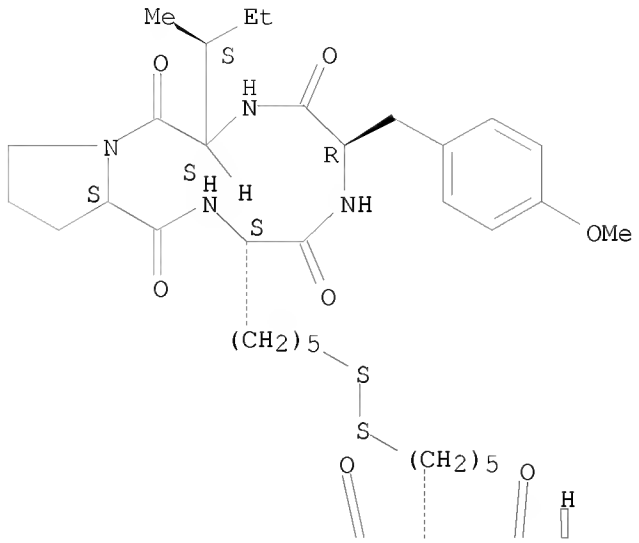


REFERENCE COUNT: 95 THERE ARE 95 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:28701 HCAPLUS
DOCUMENT NUMBER: 141:116594
TITLE: Design synthesis of SS-dimers and SS-hybrids based on Cyl-1 (cyclic tetrapeptide) as anti-cancer prodrugs
AUTHOR(S): Nishino, Norikazu; Okamura, Shinji; Ebisuzaki, Shutoku; Kato, Tamaki; Sumida, Yuko; Yoshida, Minoru
CORPORATE SOURCE: Graduate School of Life Science and Systems Engineering, Kyushu Institute of Technology, Kitakyushu, 808-0196, Japan
SOURCE: Peptides 2002, Proceedings of the European Peptide Symposium, 27th, Sorrento, Italy, Aug. 31-Sept. 6, 2002 (**2002**), 830-831. Editor(s): Benedetti, Ettore; Pedone, Carlo. Edizioni Ziino: Castellammare di Stabia, Italy.
CODEN: 69EYXG; ISBN: 88-900948-1-8
DOCUMENT TYPE: Conference
LANGUAGE: English
AB Design and synthesis of SS-dimers and SS-hybrids based on Cyl-1 (cyclic tetrapeptide) as anti-cancer prodrugs is described.
IT **591772-31-5 591772-81-5 591772-85-9 591772-85-9D**, derivs. **591772-87-1 591772-89-3**
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(synthesis of SS-dimers and SS-hybrids based on Cyl-1 as anticancer prodrugs)
RN 591772-31-5 HCAPLUS
CN Cyclo[(2S)-2-amino-7-mercaptoheptanoyl-O-methyl-D-tyrosyl-L-isoleucyl-L-prolyl], bimol. (1→1')-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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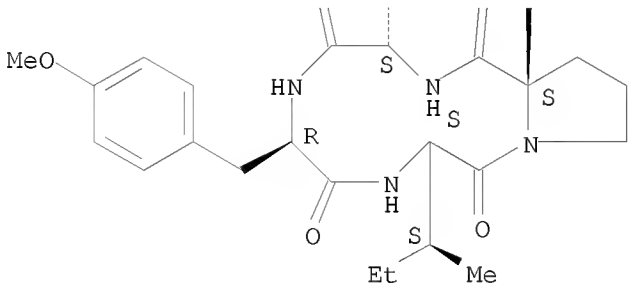

RN 591772-81-5 HCAPLUS
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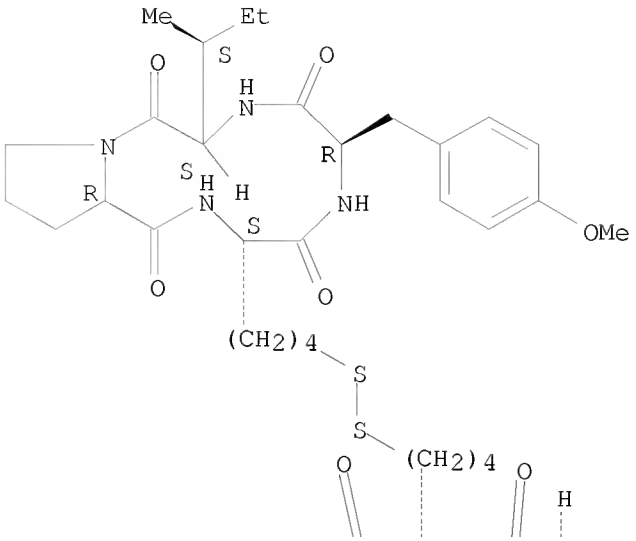
Absolute stereochemistry.

PAGE 1-A



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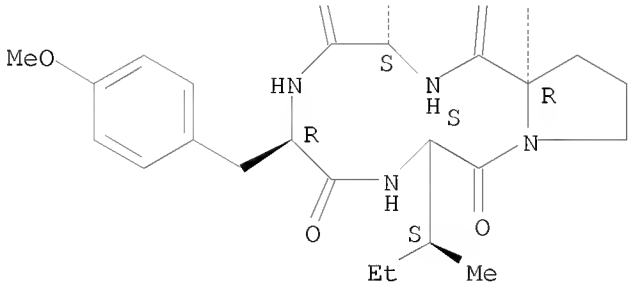

RN 591772-85-9 HCAPLUS
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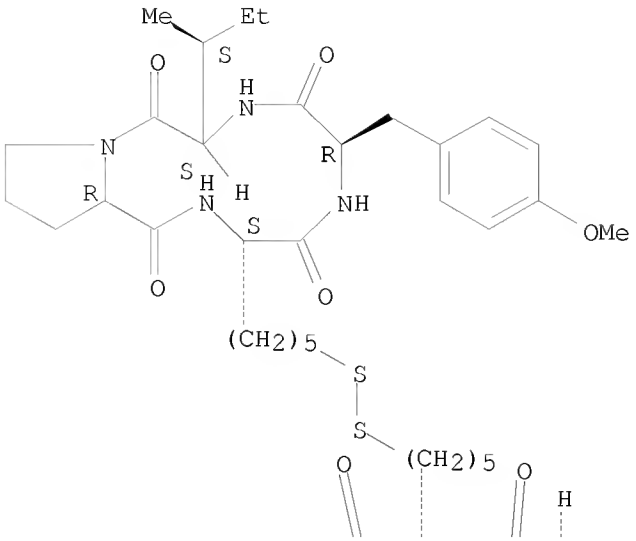
Absolute stereochemistry.

PAGE 1-A



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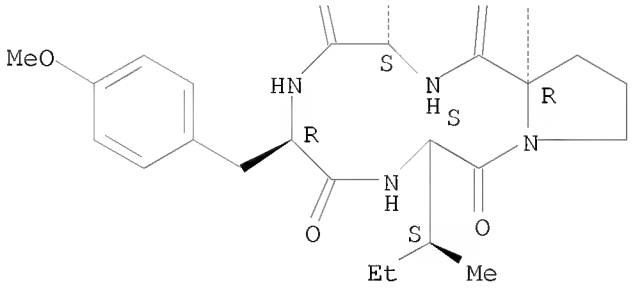
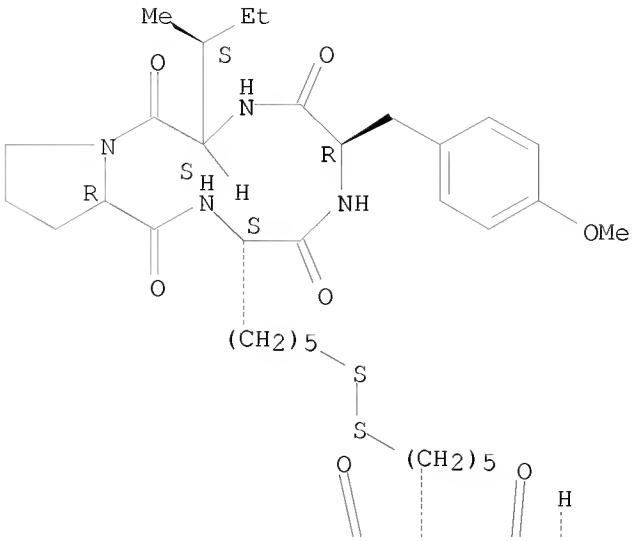


RN 591772-85-9 HCAPLUS
CN Cyclo[(2S)-2-amino-7-mercaptoheptanoyl-O-methyl-D-tyrosyl-L-isoleucyl-D-prolyl], bimol. (1→1')-disulfide (9CI) (CA INDEX NAME)

Absolute stereochemistry.

PAGE 1-A



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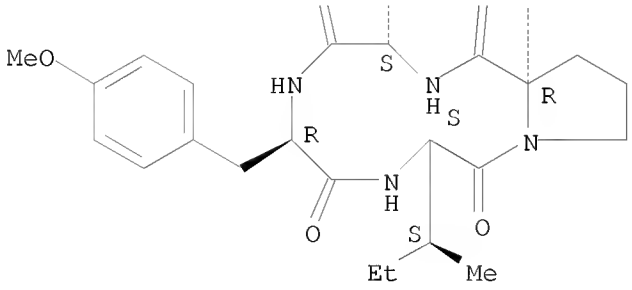

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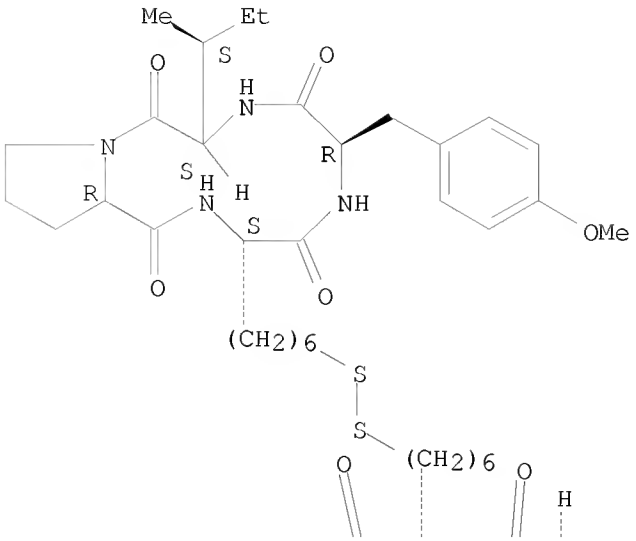
Absolute stereochemistry.

PAGE 1-A



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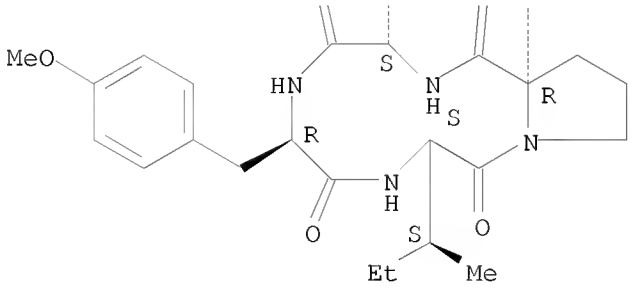

RN 591772-89-3 HCAPLUS
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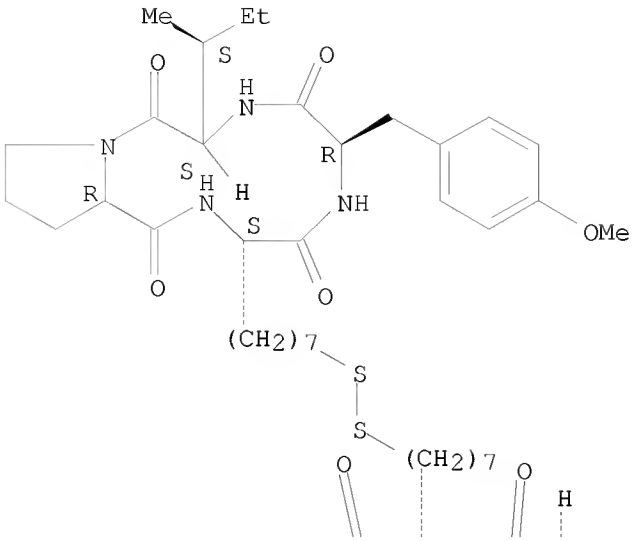
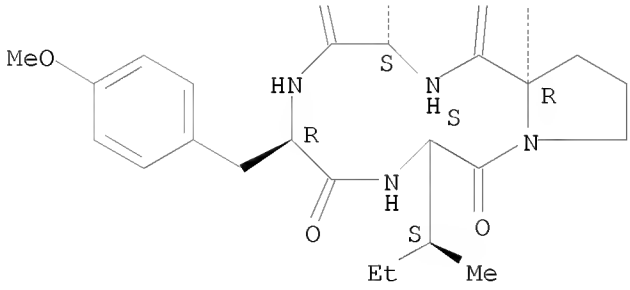
Absolute stereochemistry.

PAGE 1-A



PAGE 2-A



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:28361 HCAPLUS
DOCUMENT NUMBER: 141:174435
TITLE: Solid-phase synthesis of tentoxin. Synthesis of a library of analogues
AUTHOR(S): Jimenez, Jose Carlos; Chavarria, Bibiana; Lopez-Macia, Angel; Royo, Miriam; Giralt, Ernest; Albericio, F. Fernando
CORPORATE SOURCE: Departament de Quimica Organica, Universitat de Barcelona, Spain
SOURCE: Peptides 2002, Proceedings of the European Peptide

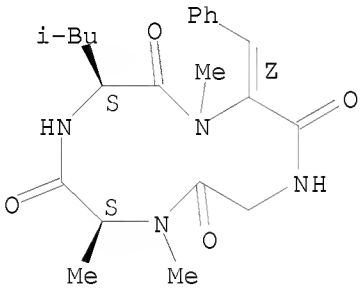
Symposium, 27th, Sorrento, Italy, Aug. 31-Sept. 6, 2002 (**2002**), 150-151. Editor(s): Benedetti, Ettore; Pedone, Carlo. Edizioni Ziino: Castellammare di Stabia, Italy.
CODEN: 69EYXG; ISBN: 88-900948-1-8
DOCUMENT TYPE: Conference
LANGUAGE: English

AB A symposium report. The complete synthesis of cyclic peptide tentoxin and its analogs on solid phase is described. The key stages for the synthesis were: to minimize diketopiperazine formation during peptide coupling, two out of four possible sequences for chain elongation were chosen, solid-phase dehydration reaction, N-methylation of (Z)-didehydrophenylalanine amide bond, cleavage and cyclization of the final peptide.

IT **28540-82-1DP**, Tentoxin, analogs **28540-82-1P**, Tentoxin
RL: SPN (Synthetic preparation); PREP (Preparation)
(solid-phase synthesis of cyclic peptide tentoxin and its analogs)

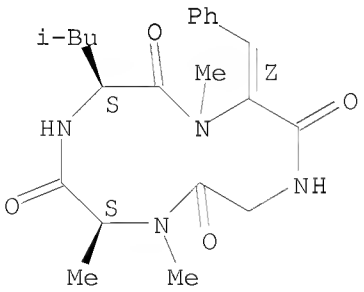
RN 28540-82-1 HCAPLUS
CN Cyclo[N-methyl-L-alanyl-L-leucyl-(αZ)-α,β-didehydro-N-methylphenylalanylglycyl] (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.



RN 28540-82-1 HCAPLUS
CN Cyclo[N-methyl-L-alanyl-L-leucyl-(αZ)-α,β-didehydro-N-methylphenylalanylglycyl] (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

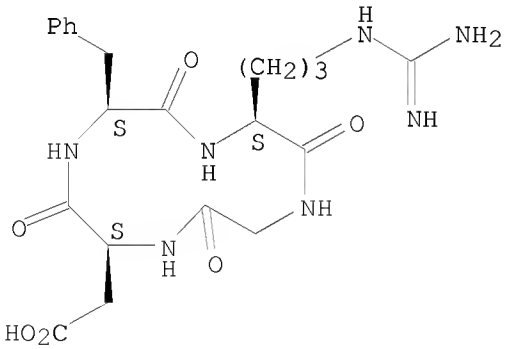


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

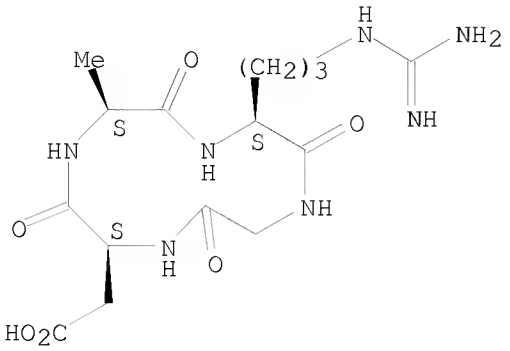
L4 ANSWER 6 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2004:28295 HCAPLUS
DOCUMENT NUMBER: 141:243801
TITLE: A synthetic strategy toward constrained head-to-tail cyclopeptides
AUTHOR(S): Alcaro, Maria C.; Sabatino, Giuseppina; Ginanneschi, Mauro; Chelli, Mario; Di Fenza, Armida; Rovero, Paolo; Papini, Anna M.
CORPORATE SOURCE: Dipartimento di Chimica Organica "Ugo Schiff", Universita di Firenze, and CNR-ICCOM, Sesto Fiorentino (FI), I-50019, Italy
SOURCE: Peptides 2002, Proceedings of the European Peptide Symposium, 27th, Sorrento, Italy, Aug. 31-Sept. 6, 2002 (**2002**), 16-17. Editor(s): Benedetti, Ettore; Pedone, Carlo. Edizioni Ziino: Castellammare di Stabia, Italy.
CODEN: 69EYXG; ISBN: 88-900948-1-8
DOCUMENT TYPE: Conference
LANGUAGE: English
AB A symposium report. An efficient strategy, which favors intramol. head-to-tail cyclization, is based on the anchoring of a trifunctional amino acid to the resin by its side-chain. The combination of this strategy with an orthogonal tridimensional protection scheme as the Fmoc/tBu/OAl results in a simple head-to-tail cyclization methodol. This methodol. was applied to the synthesis of cyclopeptides.
IT **171745-37-2DP**, resin-bound **184906-58-9DP**, resin-bound
RL: SPN (Synthetic preparation); PREP (Preparation)
(solid phase intramol. head-to-tail cyclization strategy for cyclopeptides synthesis)
RN 171745-37-2 HCAPLUS
CN Cyclo(L-arginylglycyl-L-α-aspartyl-L-phenylalanyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 184906-58-9 HCAPLUS
CN Cyclo(L-alanyl-L-arginylglycyl-L-α-aspartyl) (9CI) (CA INDEX NAME)

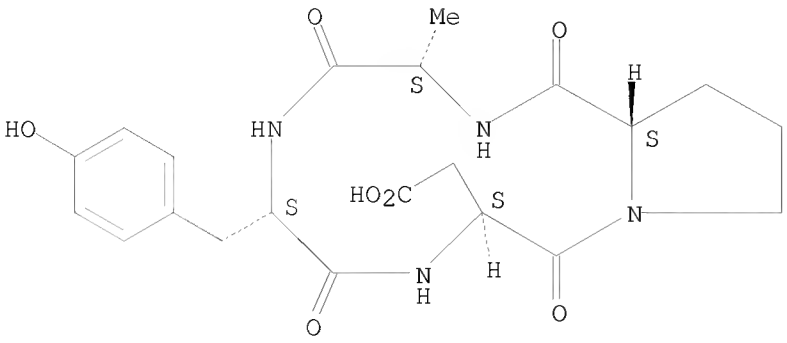
Absolute stereochemistry.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 7 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:509684 HCAPLUS
DOCUMENT NUMBER: 140:199700
TITLE: Insect oostatic peptides containing cyclic and isosteric structures
AUTHOR(S): Hlavacek, Jan; Marik, Jan; Budesinsky, Milos; Bennettova, Blanka; Tykva, Richard
CORPORATE SOURCE: Institute of Organic Chemistry and Biochemistry, Academy of Sciences, Prague, 166 10, Czech Rep.
SOURCE: Peptides 2000, Proceedings of the European Peptide Symposium, 26th, Montpellier, France, Sept. 10-15, 2000 (**2001**), Meeting Date 2000, 655-656. Editor(s): Martinez, Jean; Fehrentz, Jean-Alain. Editions EDK: Paris, Fr.
CODEN: 69EDWK; ISBN: 2-84254-048-4
DOCUMENT TYPE: Conference
LANGUAGE: English
AB A symposium report. A shortening of the oostatic decapeptide H-Tyr-Asp-Pro-Ala-(Pro)6-OH sequence from the C-terminus yielded the tetra- and pentapeptides exhibiting an enhanced oostatic activity in the flesh fly Sarcophaga bullata. A new series of the shortened analogs containing the ψ[CH2O] isosteric unit inserted between the Tyr and Asp in the amino terminus or between the Pro and Ala in the carboxy terminus, in which the ψ[CH2S] isosteric unit was introduced too, was synthesized. Cyclic analogs of the linear peptides were also prepared
IT **383881-90-1P**
RL: BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and activity of insect oostatic peptides containing cyclic and isosteric structures)
RN 383881-90-1 HCAPLUS
CN Cyclo(L-alanyl-L-tyrosyl-L-α-aspartyl-L-prolyl) (9CI) (CA INDEX NAME)

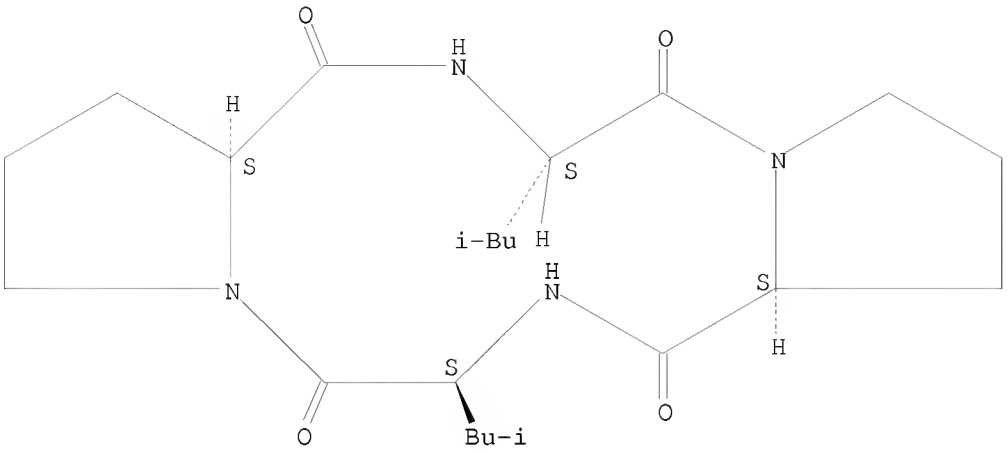
Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 8 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:509637 HCAPLUS
DOCUMENT NUMBER: 139:223306
TITLE: Mass spectrometry in a peptide laboratory
AUTHOR(S): Enjalbal, Christine; Maux, Delphine; Martinez, Jean; Aubagnac, Jean-Louis
CORPORATE SOURCE: Laboratoire des Aminoacides, Peptides et Proteines, UMR5810, Universites Montpellier I et II, Montpellier, 34095, Fr.
SOURCE: Peptides 2000, Proceedings of the European Peptide Symposium, 26th, Montpellier, France, Sept. 10-15, 2000 (**2001**), Meeting Date 2000, 561-562.
Editor(s): Martinez, Jean; Fehrentz, Jean-Alain.
Editions EDK: Paris, Fr.
CODEN: 69EDWK; ISBN: 2-84254-048-4
DOCUMENT TYPE: Conference
LANGUAGE: English
AB Mass spectrometry is a powerful anal. tool allowing effective structural elucidation of a wide range of mols. issued from solution-, solid- and liquid-phase syntheses. The relevance of electrospray ionization mass spectrometry (ES-MS), matrix-assisted laser desorption/ionization (MALDI) and static secondary ion mass spectrometry (S-SIMS) to characterize all samples produced daily in a peptide laboratory will be illustrated.
IT **135086-71-4**
RL: ANT (Analyte); PRP (Properties); ANST (Analytical study)
(mass spectrometry in a peptide laboratory)
RN 135086-71-4 HCAPLUS
CN Cyclo(L-leucyl-L-prolyl-L-leucyl-L-prolyl) (CA INDEX NAME)

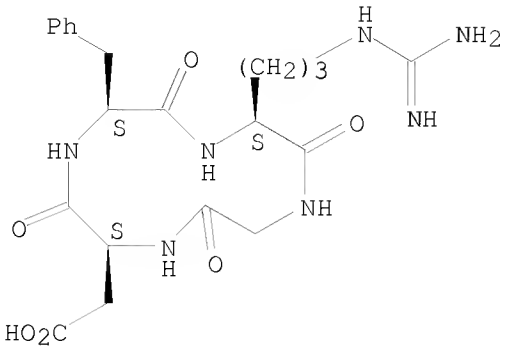
Absolute stereochemistry. Rotation (-).



REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

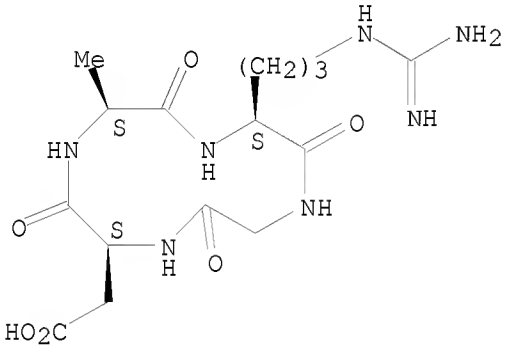
L4 ANSWER 9 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:509499 HCAPLUS
DOCUMENT NUMBER: 140:199689
TITLE: Constrained head-to-tail cyclopeptides by amino-acid side-chain anchoring to trityl resins
AUTHOR(S): Uziel, Jacques; Alcaro, Maria C.; Sabatino, Giuseppina; Di Fenza, Armida; Ginanneschi, Mauro; Chelli, Mario; Rovero, Paolo; Papini, Anna M.
CORPORATE SOURCE: Dipartimento di Chimica Organica "Ugo Schiff" and CNR-CSCEA, Universita degli Studi di Firenze, Florence, I-50121, Italy
SOURCE: Peptides 2000, Proceedings of the European Peptide Symposium, 26th, Montpellier, France, Sept. 10-15, 2000 (**2001**), Meeting Date 2000, 285-286. Editor(s): Martinez, Jean; Fehrentz, Jean-Alain. Editions EDK: Paris, Fr. CODEN: 69EDWK; ISBN: 2-84254-048-4
DOCUMENT TYPE: Conference
LANGUAGE: English
AB A symposium report. A series of diketopiperazines were prepared from Fmoc-Xaa(Trt-resin)-OAl [Xaa = His, Asp; Al = allyl], cyclization being achieved by intramol. aminolysis and Fmoc deprotection. A series of cyclotetrapeptides was similarly prepared from Fmoc-Asp(Trt-resin)-OAl.
IT **171745-37-2P 184906-58-9P 661492-50-8P 661492-51-9P 661492-52-0P**
RL: SPN (Synthetic preparation); PREP (Preparation)
(solid-phase synthesis of constrained head-to-tail cyclopeptides by amino-acid side-chain anchoring to trityl resins)
RN 171745-37-2 HCAPLUS
CN Cyclo(L-arginylglycyl-L-α-aspartyl-L-phenylalanyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



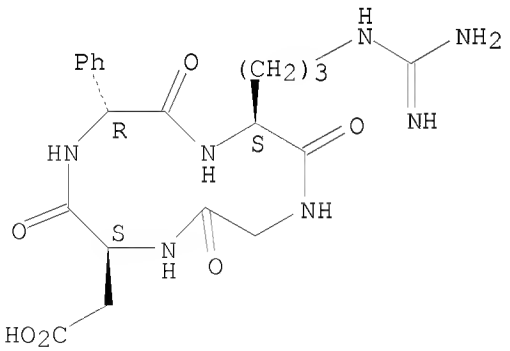
RN 184906-58-9 HCAPLUS
CN Cyclo(L-alanyl-L-arginylglycyl-L-α-aspartyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



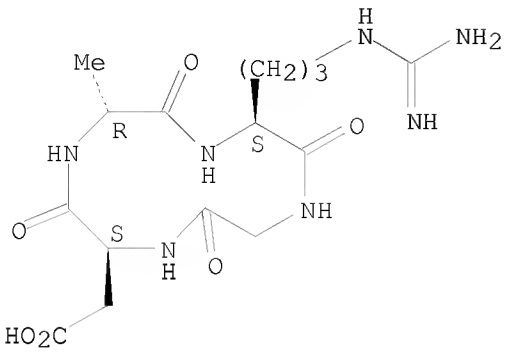
RN 661492-50-8 HCAPLUS
CN Cyclo[L-arginylglycyl-L-α-aspartyl-(2R)-2-phenylglycyl] (9CI) (CA INDEX NAME)

Absolute stereochemistry.



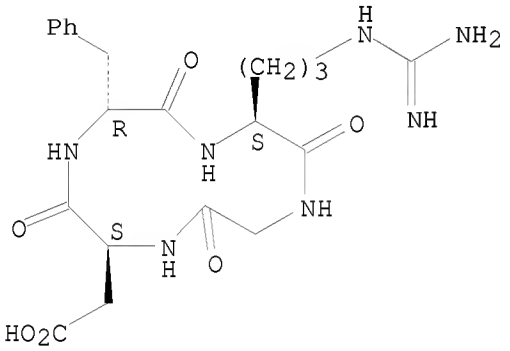
RN 661492-51-9 HCAPLUS
CN Cyclo(D-alanyl-L-arginylglycyl-L-α-aspartyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 661492-52-0 HCAPLUS
CN Cyclo(L-arginylglycyl-L-α-aspartyl-D-phenylalanyl) (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 10 OF 518 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 2003:509492 HCAPLUS
DOCUMENT NUMBER: 140:236052
TITLE: Cyclic tetrapeptides - novel scaffolds for pharmacophore design
AUTHOR(S): Seale, Peter W.; Stead, Paul; Jaxa-Chamiec, Albert
CORPORATE SOURCE: Medicines Research Centre, Glaxo Wellcome Research & Development, Stevenage, Hertfordshire, SG1 2NY, UK
SOURCE: Peptides 2000, Proceedings of the European Peptide Symposium, 26th, Montpellier, France, Sept. 10-15, 2000 (**2001**), Meeting Date 2000, 271-272.
Editor(s): Martinez, Jean; Fehrentz, Jean-Alain.
Editions EDK: Paris, Fr.
CODEN: 69EDWK; ISBN: 2-84254-048-4
DOCUMENT TYPE: Conference
LANGUAGE: English
AB A symposium report. Apicidin, a naturally occurring cyclic tetrapeptide

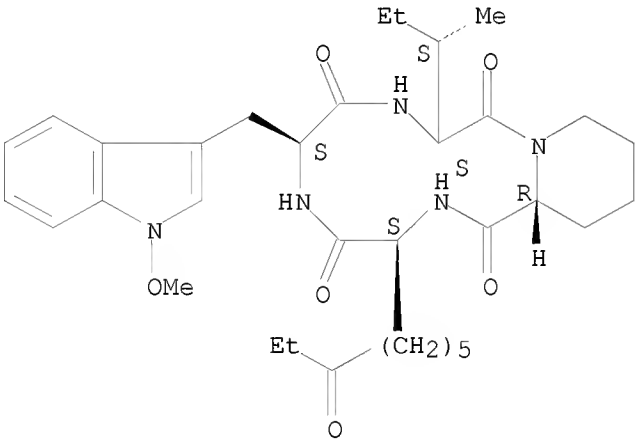
with antiparasitic activity, was reduced with NaBH4 to a linear product where the Aoda-Trp amide bond had been reductively cleaved as well as the side-chain ketone group reduced. Both apicidin and the alcs. showed antiparasitic activity against Leishmania donovani, Trypanosoma cruzi, T. bruzei, Plasmodium falciparum, and P. berghei. A related cyclic tetrapeptide cyclo(Phe-Trp-Phe-D-Pro), originally isolated from Ctenomyces serratus with unassigned stereo, was synthesized and showed inverse agonist activity at 1.6μM in the δ-opioid assay.

IT **183506-66-3**
RL: BSU (Biological study, unclassified); PAC (Pharmacological activity); RCT (Reactant); BIOL (Biological study); RACT (Reactant or reagent)
(preparation and antiparasitic activity of apicidin alcs.)

RN 183506-66-3 HCAPLUS

CN Cyclo[(2S)-2-amino-8-oxodecanoyl-1-methoxy-L-tryptophyl-L-isoleucyl-(2R)-2-piperidinecarbonyl] (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

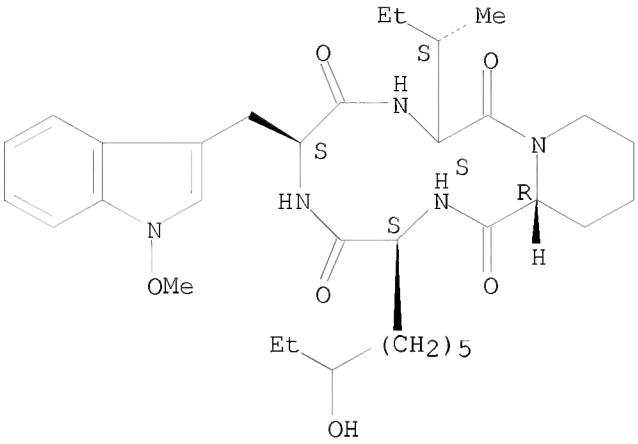


IT **314058-15-6P**
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
(preparation and antiparasitic activity of apicidin alcs.)

RN 314058-15-6 HCAPLUS

CN Cyclo[(2S)-2-amino-8-hydroxydecanoyl-1-methoxy-L-tryptophyl-L-isoleucyl-(2R)-2-piperidinecarbonyl] (9CI) (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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     FILE 'HCAPLUS' ENTERED AT 12:20:27 ON 04 FEB 2009
L3           836 L2
L4           518 S L3 AND (PD<20020620)

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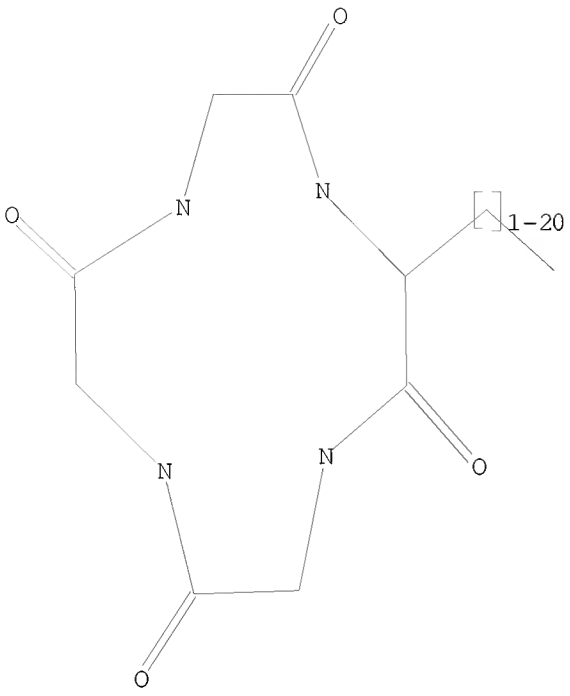

Structure attributes must be viewed using STN Express query preparation.
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L3 836 SEA FILE=HCAPLUS ABB=ON PLU=ON L2
L4 518 SEA FILE=HCAPLUS ABB=ON PLU=ON L3 AND (PD<20020620)